

Refine Search

Search Results -

Terms	Documents
L21 and (microprocessor\$1 or processor\$1)	0

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L25

Search History

DATE: Thursday, July 28, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=TDBD; PLUR=YES; OP=OR

L25 l21 and (microprocessor\$1 or processor\$1)

0 L25

L24 l21 and fin\$1

0 L24

L23 l21 and ((war adj head\$1) or warhead\$1)

0 L23

DB=USOC; PLUR=YES; OP=OR

L22 l21 and (voltage adj regulator\$1)

0 L22

L21 l11 and seeker\$1

83 L21

DB=TDBD; PLUR=YES; OP=OR

L20 foldable adj3 fin\$1

0 L20

L19 (imaging adj seeker\$1)

0 L19

L18 (rear adj warhead\$1) or (rear adj war adj head\$1)

0 L18

L17 projectile\$1 or missile\$1 or rocket\$1

46 L17

DB=USOC; PLUR=YES; OP=OR

L16 l11 and l15

18 L16

L15 foldable adj3 fin\$1

30 L15

<u>L14</u>	l11 and (imaging adj seeker\$1)	0	<u>L14</u>
<u>L13</u>	l11 and l12	6	<u>L13</u>
<u>L12</u>	(rear adj warhead\$1) or (rear adj war adj head\$1)	6	<u>L12</u>
<u>L11</u>	projectile\$1 or missile\$1 or rocket\$1	34028	<u>L11</u>
<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>			
<u>L10</u>	l1 and seeker\$1 and (voltage adj regulator\$1)	6	<u>L10</u>
<u>L9</u>	l4 and l7	0	<u>L9</u>
<u>L8</u>	l3 and l7	0	<u>L8</u>
<u>L7</u>	l1 and l6	31	<u>L7</u>
<u>L6</u>	foldable adj3 fin\$1	105	<u>L6</u>
<u>L5</u>	l4 not l3	18	<u>L5</u>
<u>L4</u>	l1 and (imaging adj seeker\$1)	18	<u>L4</u>
<u>L3</u>	l1 and l2	19	<u>L3</u>
<u>L2</u>	(rear adj warhead\$1) or (rear adj war adj head\$1)	32	<u>L2</u>
<u>L1</u>	(projectile\$1 or missile\$1 or rocket\$1).ti,ab.	49384	<u>L1</u>

END OF SEARCH HISTORY

Gregory, Bernarr

From: PLUS
Sent: Thursday, July 28, 2005 2:49 PM
To: Gregory, Bernarr
Subject: PLUS Results for 10604898

Here are the PLUS search results for 10604898.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10604898_QUAL
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10604898_LIST.
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10604898_WES
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10604898_EAST
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10604898.east.t
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10604898_CLS.t
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10604898_CLST
ITLES.txt



10604898_WDS.
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10604898_QUAL.txt

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PLUS Search Results for S/N 10604898, Searched July 28, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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5647596(USPAT)
5692979(USPAT)
5951015(USPAT)
5967518(USPAT)
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4796187(USPAT)
4372211(USPAT)
5269223(USPAT)
5301614(USPAT)
4538519(USPAT)
4768440(USPAT)
3696750(USPAT)
4462312(USPAT)
4498393(USPAT)
4532867(USPAT)
4583461(USPAT)
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5914459(USPAT)
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6044765(USPAT)
4831932(USPAT)
4859054(USPAT)
6279478(USPAT)
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5698814 (USPAT)
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4975864 (USPAT)
5255608 (USPAT)
3913486 (USPAT)
4009661 (USPAT)
4159476 (USPAT)
4163423 (USPAT)
4309946 (USPAT)
4393780 (USPAT)
4397239 (USPAT)
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10604898_CLS.txt
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10604898 on July 28, 2005

Original Classifications

19	244/3.16
12	102/213
11	102/476
8	244/3.11
6	89/1.11
6	244/3.15
6	244/3.22
5	89/6.5
5	102/214
5	434/22
4	102/384
4	102/387
4	273/358
3	33/265
3	42/145
3	102/211
3	102/275
3	102/439
3	102/489
3	102/494
3	244/3.13
3	244/3.17
3	273/391
3	434/19
3	434/21
2	42/115
2	89/41.22
2	102/215
2	102/216
2	102/475
2	102/492
2	102/506
2	102/513
2	102/521
2	235/78R
2	244/3.1
2	244/3.21
2	244/3.23
2	250/203.6
2	273/120R
2	273/317.5
2	273/348
2	273/374
2	356/152.1
2	382/103
2	434/12
2	434/16
2	463/2
2	473/199
2	701/302

Cross-Reference Classifications

11	102/211
10	102/476
9	102/473
9	102/489
9	244/3.16
8	102/214

8 273/371
7 244/3.11
7 244/3.22
7 342/68
6 102/501
6 244/3.15
6 244/3.19
6 342/62
6 434/19
5 102/213
5 102/513
5 102/517
5 434/22
4 89/1.11
4 89/41.17
4 102/475
4 102/491
4 102/496
4 244/3.1
4 244/3.14
4 244/3.21
4 273/408
4 434/16
4 434/21
4 463/51
3 102/216
3 102/266
3 102/273
3 102/293
3 102/306
3 102/307
3 102/309
3 102/378
3 102/393
3 102/494
3 102/499
3 102/502
3 102/529
3 235/408
3 235/411
3 235/412
3 244/3.24
3 273/359
3 273/392
3 273/400
3 273/407
3 273/409
3 273/454
3 362/114
3 434/18
3 473/578
2 89/41.03
2 89/41.05
2 89/41.06
2 89/41.19
2 102/201
2 102/206
2 102/244
2 102/265
2 102/272
2 102/384
2 102/389
2 102/444

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2 102/492
 2 102/519
 2 102/522
 2 102/523
 2 102/701
 2 124/87
 2 235/414
 2 235/88R
 2 244/3.13
 2 244/3.17
 2 244/3.23
 2 244/3.27
 2 244/3.28
 2 244/3.3
 2 250/222.2
 2 273/129R
 2 273/317
 2 273/370
 2 273/378
 2 273/382
 2 273/386
 2 273/390
 2 273/406
 2 342/61
 2 343/757
 2 343/763
 2 356/139.04
 2 356/5.01
 2 362/110
 2 367/1
 2 382/103
 2 434/17
 2 434/20
 2 434/24
 2 463/34
 2 463/52
 2 473/582

Combined Classifications

28 244/3.16
 21 102/476
 17 102/213
 15 244/3.11
 14 102/211
 13 102/214
 13 244/3.22
 12 102/489
 12 244/3.15
 10 89/1.11
 10 434/22
 9 102/473
 9 273/371
 9 434/19
 8 342/68
 7 102/501
 7 102/513
 7 244/3.19
 7 342/62
 7 434/21
 6 102/384
 6 102/475
 6 102/494
 6 102/517

6 244/3.1
6 244/3.21
6 434/16
5 89/6.5
5 102/216
5 102/387
5 102/496
5 244/3.13
5 244/3.17
4 89/41.17
4 102/275
4 102/393
4 102/439
4 102/491
4 102/492
4 235/412
4 244/3.14
4 244/3.23
4 244/3.24
4 273/358
4 273/359
4 273/391
4 273/392
4 273/400
4 273/408
4 382/103
4 463/51
3 33/265
3 42/115
3 42/145
3 89/41.03
3 89/41.05
3 89/41.22
3 102/215
3 102/265
3 102/266
3 102/273
3 102/293
3 102/306
3 102/307
3 102/309
3 102/378
3 102/444
3 102/499
3 102/502
3 102/506
3 102/519
3 102/529
3 235/408
3 235/411
3 244/3.27
3 244/3.3
3 273/374
3 273/406
3 273/407
3 273/409
3 273/454
3 356/5.01
3 362/114
3 434/18
3 473/578
2 42/114
2 42/116

2 42/137
 2 42/39.5
 2 42/59
 2 74/5.7
 2 89/1.816
 2 89/36.17
 2 89/41.06
 2 89/41.11
 2 89/41.19
 2 102/201
 2 102/206
 2 102/207
 2 102/210
 2 102/226
 2 102/244
 2 102/272
 2 102/334
 2 102/357
 2 102/364
 2 102/374
 2 102/388
 2 102/389
 2 102/404
 2 102/497
 2 102/520
 2 102/521
 2 102/522
 2 102/523
 2 102/701
 2 124/87
 2 235/414
 2 235/70A
 2 235/78R
 2 235/88R
 2 244/3.28
 2 250/203.6
 2 250/222.2
 2 273/119R
 2 273/120R
 2 273/129R
 2 273/317
 2 273/317.5
 2 273/348
 2 273/366
 2 273/368
 2 273/370
 2 273/378
 2 273/382
 2 273/386
 2 273/390
 2 273/401
 2 273/402
 2 342/61
 2 343/757
 2 343/763
 2 343/766
 2 356/139.04
 2 356/152.1
 2 362/110
 2 367/1
 2 434/12
 2 434/14
 2 434/17

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2 434/20
2 434/24
2 463/2
2 463/34
2 463/52
2 473/199
2 473/582
2 701/302

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10604898 on July 28, 2005

28 244/3.16 (19 OR, 9 XR)
Class 244 : AERONAUTICS
244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
244/3.15 .Automatic guidance
244/3.16 ..Optical (includes infrared)

21 102/476 (11 OR, 10 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/473 SHELLS
102/475 .Focused or directed detonation
102/476 ..Shaped charge

17 102/213 (12 OR, 5 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/200 IGNITING DEVICES AND SYSTEMS
102/206 .Ignition or detonation circuit
102/211 ..Proximity fuze
102/213 ...Light or infrared

15 244/3.11 (8 OR, 7 XR)
Class 244 : AERONAUTICS
244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
244/3.11 .Remote control

14 102/211 (3 OR, 11 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/200 IGNITING DEVICES AND SYSTEMS
102/206 .Ignition or detonation circuit
102/211 ..Proximity fuze

13 102/214 (5 OR, 8 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/200 IGNITING DEVICES AND SYSTEMS
102/206 .Ignition or detonation circuit
102/211 ..Proximity fuze
102/214 ...Radio wave

13 244/3.22 (6 OR, 7 XR)
Class 244 : AERONAUTICS
244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
244/3.15 .Automatic guidance
244/3.21 ..Attitude control mechanisms
244/3.22 ...Fluid reaction type

12 102/489 (3 OR, 9 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/473 SHELLS
102/489 .with secondary shells

12 244/3.15 (6 OR, 6 XR)
Class 244 : AERONAUTICS
244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
244/3.15 .Automatic guidance

10 89/1.11 (6 OR, 4 XR)
Class 089 : ORDNANCE
89/1.11 WAGING WAR

10 434/22 (5 OR, 5 XR)

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Class	434	:	EDUCATION AND DEMONSTRATION
434/11			ORGANIZED ARMED OR UNARMED CONFLICT OR SHOOTING
434/16			.Gunnery
434/19			..Gun aiming
434/21			...Training apparatus using beam of infrared, visible light, or ultraviolet radiation
434/22		Beam sensor included in apparatus
9	102/473	(0 OR, 9 XR)	
Class	102	:	AMMUNITION AND EXPLOSIVES
102/473			SHELLS
9	273/371	(1 OR, 8 XR)	
Class	273	:	AMUSEMENT DEVICES: GAMES
273/317			AERIAL PROJECTILE GAME; GAME ELEMENT (E.G., TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
PROJECTOR OR			
			PROJECTILE, PER SE
	273/348		.Target
	273/371		..With electrically actuated or operated indicator
9	434/19	(3 OR, 6 XR)	
Class	434	:	EDUCATION AND DEMONSTRATION
434/11			ORGANIZED ARMED OR UNARMED CONFLICT OR SHOOTING
434/16			.Gunnery
434/19			..Gun aiming
8	342/68	(1 OR, 7 XR)	
Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/61			RETURN SIGNAL CONTROLS EXTERNAL DEVICE
342/68			.Proximity fuze
7	102/501	(1 OR, 6 XR)	
Class	102	:	AMMUNITION AND EXPLOSIVES
102/501			PROJECTILES
7	102/513	(2 OR, 5 XR)	
Class	102	:	AMMUNITION AND EXPLOSIVES
102/501			PROJECTILES
102/513			.Target marking
7	244/3.19	(1 OR, 6 XR)	
Class	244	:	AERONAUTICS
244/3.1			MISSILE STABILIZATION OR TRAJECTORY CONTROL
244/3.15			.Automatic guidance
244/3.19			..Radio wave
7	342/62	(1 OR, 6 XR)	
Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/61			RETURN SIGNAL CONTROLS EXTERNAL DEVICE
342/62			.Missile or spacecraft guidance
7	434/21	(3 OR, 4 XR)	
Class	434	:	EDUCATION AND DEMONSTRATION
434/11			ORGANIZED ARMED OR UNARMED CONFLICT OR SHOOTING
434/16			.Gunnery
434/19			..Gun aiming

434/21 ...Training apparatus using beam of infrared,
visible light, or ultraviolet radiation

6 102/384 (4 OR, 2 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/382 DROP BOMBS
102/384 .With direction controlling means

6 102/475 (2 OR, 4 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/473 SHELLS
102/475 .Focused or directed detonation

6 102/494 (3 OR, 3 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/473 SHELLS
102/491 .Shrapnel
102/494 ..Multiple fragments

6 102/517 (1 OR, 5 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/501 PROJECTILES
102/517 .Composite

6 244/3.1 (2 OR, 4 XR)
Class 244 : AERONAUTICS
244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL

6 244/3.21 (2 OR, 4 XR)
Class 244 : AERONAUTICS
244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
244/3.15 .Automatic guidance
244/3.21 ..Attitude control mechanisms

6 434/16 (2 OR, 4 XR)
Class 434 : EDUCATION AND DEMONSTRATION
434/11 ORGANIZED ARMED OR UNARMED CONFLICT OR SHOOTING

434/16 .Gunnery

5 89/6.5 (5 OR, 0 XR)
Class 089 : ORDNANCE
89/6 FUSE SETTERS
89/6.5 .Combined with projecting, launching or
releasing devices

5 102/216 (2 OR, 3 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/200 IGNITING DEVICES AND SYSTEMS
102/206 .Ignition or detonation circuit
102/216 ..Including impact or inertia switch

5 102/387 (4 OR, 1 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/382 DROP BOMBS
102/386 .With drop-retarding means
102/387 ..Parachute

5 102/496 (1 OR, 4 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/473 SHELLS
102/491 .Shrapnel
102/494 ..Multiple fragments

102/496 ...Embedded

- 5 244/3.13 (3 OR, 2 XR)
 Class 244 : AERONAUTICS
 244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
 244/3.11 .Remote control
 244/3.13 ..Beam rider
- 5 244/3.17 (3 OR, 2 XR)
 Class 244 : AERONAUTICS
 244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
 244/3.15 .Automatic guidance
 244/3.16 ..Optical (includes infrared)
 244/3.17 ...Optical correlation
- 4 89/41.17 (0 OR, 4 XR)
 Class 089 : ORDNANCE
 89/37.01 MOUNTS
 89/41.01 .Training mechanisms
 89/41.17 ..Aiming device mounted on gun
- 4 102/275 (3 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/200 IGNITING DEVICES AND SYSTEMS
 102/272 .Impacting devices
 102/275 ..With frangible restraint
- 4 102/393 (1 OR, 3 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/382 DROP BOMBS
 102/393 .Cluster type
- 4 102/439 (3 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/430 CARTRIDGES
 102/439 .Projectile structure
- 4 102/491 (0 OR, 4 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/473 SHELLS
 102/491 .Shrapnel
- 4 102/492 (2 OR, 2 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/473 SHELLS
 102/491 .Shrapnel
 102/492 ..Focused fragmentation
- 4 235/412 (1 OR, 3 XR)
 Class 235 : REGISTERS
 235/400 ORDNANCE OR WEAPON SYSTEMS COMPUTER
 235/411 .With target tracking means
 235/412 ..Position or course prediction
- 4 244/3.14 (0 OR, 4 XR)
 Class 244 : AERONAUTICS
 244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
 244/3.11 .Remote control
 244/3.14 ..Radio wave
- 4 244/3.23 (2 OR, 2 XR)
 Class 244 : AERONAUTICS
 244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL

244/3.23 .stabilized by rotation

4 244/3.24 (1 OR, 3 XR)
 Class 244 : AERONAUTICS
 244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
 244/3.24 .Externally mounted stabilizing appendage
 (e.g., fin)

4 273/358 (4 OR, 0 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTOR OR
 PROJECTILE, PER SE
 273/348 .Target
 273/358 ..Projected picture

4 273/359 (1 OR, 3 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTOR OR
 PROJECTILE, PER SE
 273/348 .Target
 273/359 ..Moving

4 273/391 (3 OR, 1 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTOR OR
 PROJECTILE, PER SE
 273/348 .Target
 273/378 ..Indication by movement of target or target
 having indicating means
 273/386 ...Target is moved or indicator is moved
 273/390Target pivots
 273/391Having restoring means

4 273/392 (1 OR, 3 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTOR OR
 PROJECTILE, PER SE
 273/348 .Target
 273/378 ..Indication by movement of target or target
 having indicating means
 273/386 ...Target is moved or indicator is moved
 273/390Target pivots
 273/391Having restoring means
 273/392Automatic restoring

4 273/400 (1 OR, 3 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTOR OR
 PROJECTILE, PER SE
 273/348 .Target
 273/398 ..Pocketed or apertured
 273/400 ...Closed-back or closed-bottom pocket

4 273/408 (0 OR, 4 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTOR OR
 PROJECTILE, PER SE
 273/348 .Target
 273/408 ..Target penetrated by projectile

4 382/103 (2 OR, 2 XR)
 Class 382 : IMAGE ANALYSIS
 382/100 APPLICATIONS
 382/103 .Target tracking or detecting

4 463/51 (0 OR, 4 XR)
 Class 463 : AMUSEMENT DEVICES: GAMES
 463/49 SIMULATED-PROJECTILE GAME, TARGET THEREFOR, OR
 ACCESSORY
 463/51 .Electromagnetic ray simulates projectile or
 its path, or utilized for coincidence detection (e.g.,
 light-ray gun, infrared aim detector, etc.)

3 33/265 (3 OR, 0 XR)
 Class 033 : GEOMETRICAL INSTRUMENTS
 33/227 STRAIGHT-LINE LIGHT RAY TYPE
 33/263 .Structurally installed
 33/265 ..Archery bow

3 42/115 (2 OR, 1 XR)
 Class 042 : FIREARMS
 42/90 IMPLEMENTS
 42/111 .Sight devices
 42/114 ..Focused beam (e.g., laser on target, etc.)
 42/115 ...Having beam adjusting structure or mounted
 for correction

3 42/145 (3 OR, 0 XR)
 Class 042 : FIREARMS
 42/90 IMPLEMENTS
 42/111 .Sight devices
 42/144 ..Using contrasting material or color (e.g.,
 bead, etc.)
 42/145 ...Luminescent, phosphorescent, luminous
 material

3 89/41.03 (1 OR, 2 XR)
 Class 089 : ORDNANCE
 89/37.01 MOUNTS
 89/41.01 .Training mechanisms
 89/41.02 ..Motor operated
 89/41.03 ...Predetermining parameters for automatic
 firing

3 89/41.05 (1 OR, 2 XR)
 Class 089 : ORDNANCE
 89/37.01 MOUNTS
 89/41.01 .Training mechanisms
 89/41.02 ..Motor operated
 89/41.05 ...By television monitoring

3 89/41.22 (2 OR, 1 XR)
 Class 089 : ORDNANCE
 89/37.01 MOUNTS

89/41.01 .Training mechanisms
 89/41.19 ..Sights or line devices
 89/41.22 ...For anti-aircraft

3 102/215 (2 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/200 IGNITING DEVICES AND SYSTEMS
 102/206 .Ignition or detonation circuit
 102/215 ..Including logic means

3 102/265 (1 OR, 2 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/200 IGNITING DEVICES AND SYSTEMS
 102/265 .Multiple mode fuzes

3 102/266 (0 OR, 3 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/200 IGNITING DEVICES AND SYSTEMS
 102/265 .Multiple mode fuzes
 102/266 ..Impact and time delay

3 102/273 (0 OR, 3 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/200 IGNITING DEVICES AND SYSTEMS
 102/272 .Impacting devices
 102/273 ..Graze or multiangle

3 102/293 (0 OR, 3 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/293 MISCELLANEOUS

3 102/306 (0 OR, 3 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/301 BLASTING
 102/305 .Detonation wave modifying
 102/306 ..Shaped charge or charge with detonation wave
 cavity modifier

3 102/307 (0 OR, 3 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/301 BLASTING
 102/305 .Detonation wave modifying
 102/306 ..Shaped charge or charge with detonation wave
 cavity modifier
 102/307 ...Linear or curvilinear cavity

3 102/309 (0 OR, 3 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/301 BLASTING
 102/305 .Detonation wave modifying
 102/306 ..Shaped charge or charge with detonation wave
 cavity modifier
 102/309 ...Having a barrier

3 102/378 (0 OR, 3 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/374 HAVING REACTION MOTOR
 102/377 .Having separation means
 102/378 ..Explosive

3 102/444 (1 OR, 2 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/430 CARTRIDGES

102/444 .Practice projectile type

3 102/499 (0 OR, 3 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/473 SHELLS
 102/499 .With igniting means

3 102/502 (0 OR, 3 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/501 PROJECTILES
 102/502 .Nonlethal or deterrent

3 102/506 (2 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/501 PROJECTILES
 102/506 .Fragmenting

3 102/519 (1 OR, 2 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/501 PROJECTILES
 102/517 .Composite
 102/519 ..With separate hardened nose

3 102/529 (0 OR, 3 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/501 PROJECTILES
 102/529 .Practice or cleaning

3 235/408 (0 OR, 3 XR)
 Class 235 : REGISTERS
 235/400 ORDNANCE OR WEAPON SYSTEMS COMPUTER
 235/408 .Projectile flight time - fuse setting

3 235/411 (0 OR, 3 XR)
 Class 235 : REGISTERS
 235/400 ORDNANCE OR WEAPON SYSTEMS COMPUTER
 235/411 .With target tracking means

3 244/3.27 (1 OR, 2 XR)
 Class 244 : AERONAUTICS
 244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
 244/3.24 .Externally mounted stabilizing appendage
 (e.g., fin)
 244/3.27 ..Collapsible

3 244/3.3 (1 OR, 2 XR)
 Class 244 : AERONAUTICS
 244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
 244/3.24 .Externally mounted stabilizing appendage
 (e.g., fin)
 244/3.3 ..Extending beyond rear of missile

3 273/374 (2 OR, 1 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTOR OR
 PROJECTILE, PER SE

273/348 .Target
 273/371 ..With electrically actuated or operated
 indicator
 273/374 ...Element moved by projectile impact to
 actuate circuitry

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3 273/406 (1 OR, 2 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTOR OR
 PROJECTILE, PER SE
 273/348 .Target
 273/406 ..Handling or manipulation (e.g., target
 positioning means)

3 273/407 (0 OR, 3 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTOR OR
 PROJECTILE, PER SE
 273/348 .Target
 273/407 ..Target support structure

3 273/409 (0 OR, 3 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTOR OR
 PROJECTILE, PER SE
 273/348 .Target
 273/409 ..Printed matter

3 273/454 (0 OR, 3 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/440 PHYSICAL SKILL OR ABILITY
 273/454 .Electric

3 356/5.01 (1 OR, 2 XR)
 Class 356 : OPTICS: MEASURING AND TESTING
 356/3 RANGE OR REMOTE DISTANCE FINDING
 356/4.01 .with photodetection
 356/5.01 ..of pulse transit time

3 362/114 (0 OR, 3 XR)
 Class 362 : ILLUMINATION
 362/109 WITH IMPLEMENT OR HAND HELD HOLDER THEREFOR
 362/110 .Firearm
 362/114 ..switch on handle

3 434/18 (0 OR, 3 XR)
 Class 434 : EDUCATION AND DEMONSTRATION
 434/11 ORGANIZED ARMED OR UNARMED CONFLICT OR SHOOTING
 434/16 .Gunnery
 434/18 ..Gun recoil simulation

3 473/578 (0 OR, 3 XR)
 Class 473 : GAMES USING TANGIBLE PROJECTILE
 473/569 PROJECTILE, PER SE; PART THEREOF OR ACCESSORY
 THEREFOR
 473/578 .Arrow, dart, or shuttlecock; part thereof

2 42/114 (1 OR, 1 XR)
 Class 042 : FIREARMS
 42/90 IMPLEMENTS
 42/111 .Sight devices

42/114 ..Focused beam (e.g., laser on target, etc.)

2 42/116 (1 OR, 1 XR)
 Class 042 : FIREARMS
 42/90 IMPLEMENTS
 42/111 .Sight devices
 42/114 ..Focused beam (e.g., laser on target, etc.)
 42/116 ...Through the bore type (i.e., insertable into
 firing chamber)

2 42/137 (1 OR, 1 XR)
 Class 042 : FIREARMS
 42/90 IMPLEMENTS
 42/111 .Sight devices
 42/135 ..Correctable
 42/136 ...Vertically adjustable (e.g., slide, ramp,
 etc.)
 42/137 And laterally

2 42/39.5 (1 OR, 1 XR)
 Class 042 : FIREARMS
 42/2 BREECH LOADING
 42/39.5 .Movable chamber

2 42/59 (1 OR, 1 XR)
 Class 042 : FIREARMS
 42/59 REVOLVERS

2 74/5.7 (1 OR, 1 XR)
 Class 074 : MACHINE ELEMENT OR MECHANISM
 74/5R GYROSCOPES
 74/5.7 .With rotor drive

2 89/1.816 (1 OR, 1 XR)
 Class 089 : ORDNANCE
 89/1.8 ROCKET LAUNCHING
 89/1.816 .Having tubular guide means

2 89/36.17 (1 OR, 1 XR)
 Class 089 : ORDNANCE
 89/36.01 SHIELDS
 89/36.17 .With explosive device

2 89/41.06 (0 OR, 2 XR)
 Class 089 : ORDNANCE
 89/37.01 MOUNTS
 89/41.01 .Training mechanisms
 89/41.02 ..Motor operated
 89/41.06 ...By light reception

2 89/41.11 (1 OR, 1 XR)
 Class 089 : ORDNANCE
 89/37.01 MOUNTS
 89/41.01 .Training mechanisms
 89/41.02 ..Motor operated
 89/41.11 ...Compensates for trunnion tilt

2 89/41.19 (0 OR, 2 XR)
 Class 089 : ORDNANCE
 89/37.01 MOUNTS
 89/41.01 .Training mechanisms
 89/41.19 ..Sights or line devices

- 2 102/201 (0 OR, 2 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/200 IGNITING DEVICES AND SYSTEMS
 102/201 .Laser or light initiated
- 2 102/206 (0 OR, 2 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/200 IGNITING DEVICES AND SYSTEMS
 102/206 .Ignition or detonation circuit
- 2 102/207 (1 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/200 IGNITING DEVICES AND SYSTEMS
 102/206 .Ignition or detonation circuit
 102/207 ..Including activated generator
- 2 102/210 (1 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/200 IGNITING DEVICES AND SYSTEMS
 102/206 .Ignition or detonation circuit
 102/207 ..Including activated generator
 102/210 ...Piezoelectric crystal
- 2 102/226 (1 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/200 IGNITING DEVICES AND SYSTEMS
 102/221 .Arming devices
 102/222 ..Blocking or interrupting type
 102/223 ...Fluid pressure operated
 102/225Rotating vane
 102/226Rotor or slide release
- 2 102/244 (0 OR, 2 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/200 IGNITING DEVICES AND SYSTEMS
 102/221 .Arming devices
 102/222 ..Blocking or interrupting type
 102/237 ...Centrifugal operated
 102/244Rotor or slide
- 2 102/272 (0 OR, 2 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/200 IGNITING DEVICES AND SYSTEMS
 102/272 .Impacting devices
- 2 102/334 (1 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/334 SMOKE GENERATING
- 2 102/357 (1 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/335 PYROTECHNICS
 102/357 .With means to eject an object from a casing
- 2 102/364 (1 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/364 INCENDIARY
- 2 102/374 (1 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/374 HAVING REACTION MOTOR
- 2 102/388 (1 OR, 1 XR)

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Class 102 : AMMUNITION AND EXPLOSIVES
102/382 DROP BOMBS
102/386 .With drop-retarding means
102/388 ..Vane or rotor

2 102/389 (0 OR, 2 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/382 DROP BOMBS
102/389 .Fragmentation

2 102/404 (1 OR, 1 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/401 MINES
102/404 .Pop-up type

2 102/497 (1 OR, 1 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/473 SHELLS
102/491 .Shrapnel
102/494 ..Multiple fragments
102/496 ...Embedded
102/497 ....With explosive

2 102/520 (1 OR, 1 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/501 PROJECTILES
102/517 .Composite
102/520 ..Sabot or carrier

2 102/521 (2 OR, 0 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/501 PROJECTILES
102/517 .Composite
102/520 ..Sabot or carrier
102/521 ...Subcaliber

2 102/522 (0 OR, 2 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/501 PROJECTILES
102/517 .Composite
102/520 ..Sabot or carrier
102/521 ...Subcaliber
102/522 ....Base enclosed

2 102/523 (0 OR, 2 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/501 PROJECTILES
102/517 .Composite
102/520 ..Sabot or carrier
102/521 ...Subcaliber
102/522 ....Base enclosed
102/523 .....With projectile exposed to propellant gas

2 102/701 (0 OR, 2 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/701 CHARGE WAVE FORMING

2 124/87 (0 OR, 2 XR)
Class 124 : MECHANICAL GUNS AND PROJECTORS
124/80 ELEMENT
124/86 .For archery projector
124/87 ..Bow sight

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2 235/414 (0 OR, 2 XR)
 Class 235 : REGISTERS
 235/400 ORDNANCE OR WEAPON SYSTEMS COMPUTER
 235/414 .Range finder

2 235/70A (1 OR, 1 XR)
 Class 235 : REGISTERS
 235/61R CALCULATORS
 235/69 .Bar
 235/70R ..Slide rules
 235/70A ...Special use slide rule

2 235/78R (2 OR, 0 XR)
 Class 235 : REGISTERS
 235/61R CALCULATORS
 235/77 .Single axis
 235/78R ..Concentric disk

2 235/88R (0 OR, 2 XR)
 Class 235 : REGISTERS
 235/61R CALCULATORS
 235/85R .Tabular
 235/88R ..Disk

2 244/3.28 (0 OR, 2 XR)
 Class 244 : AERONAUTICS
 244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
 244/3.24 .Externally mounted stabilizing appendage
 (e.g., fin)
 244/3.27 ..Collapsible
 244/3.28 ...Longitudinally rotating

2 250/203.6 (2 OR, 0 XR)
 Class 250 : RADIANT ENERGY
 250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
 250/201.1 .Photocell controls its own optical systems
 250/203.1 ..Following a target (e.g., a star or
 instrument pointer or other object) other than a
 pattern
 250/203.3 ...Self-luminous target
 250/203.6Airborne target, or spaceborne target other
 than the sun (e.g., star or missile)

2 250/222.2 (0 OR, 2 XR)
 Class 250 : RADIANT ENERGY
 250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
 250/216 .Optical or pre-photocell system
 250/221 ..Controlled by article, person, or animal
 250/222.1 ...Inanimate article
 250/222.2Particle detection

2 273/119R (1 OR, 1 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/108 SURFACE PROJECTILE GAME; GAME ELEMENT (E.G.,
 TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTILE,
 PER SE)
 273/118R .Ball games
 273/119R ..Combined with projector

2 273/120R (2 OR, 0 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES

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273/108 SURFACE PROJECTILE GAME; GAME ELEMENT (E.G.,
 PROJECTILE, TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PER SE)
 273/118R .Ball games
 273/119R ..Combined with projector
 273/120R ...Gravity projectors

2 273/129R (0 OR, 2 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/108 SURFACE PROJECTILE GAME; GAME ELEMENT (E.G.,
 PROJECTILE, TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PER SE)
 273/129R .Projectors

2 273/317 (0 OR, 2 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 OR TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN PROJECTOR
 PROJECTILE, PER SE

2 273/317.5 (2 OR, 0 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 PROJECTOR OR TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTILE, PER SE
 273/317.1 .Simulated game
 273/317.5 ..Football

2 273/348 (2 OR, 0 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 OR TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN PROJECTOR
 PROJECTILE, PER SE
 273/348 .Target

2 273/366 (1 OR, 1 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 PROJECTOR OR TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTILE, PER SE
 273/348 .Target
 273/359 ..Moving
 273/366 ...Along endless path

2 273/368 (1 OR, 1 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 PROJECTOR OR TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTILE, PER SE
 273/348 .Target
 273/359 ..Moving
 273/366 ...Along endless path
 273/368Path is circular

2 273/370 (0 OR, 2 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES

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273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 PROJECTOR OR TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTILE, PER SE

273/348 .Target
 273/359 ..Moving
 273/369 ...Oscillating (e.g., pendulum motion) or
 reciprocating
 273/370Target has additional motion while
 oscillating or reciprocating

2 273/378 (0 OR, 2 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 PROJECTOR OR TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTILE, PER SE

273/348 .Target
 273/378 ..Indication by movement of target or target
 having indicating means

2 273/382 (0 OR, 2 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 PROJECTOR OR TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTILE, PER SE

273/348 .Target
 273/378 ..Indication by movement of target or target
 having indicating means
 273/381 ...Audible indication
 273/382Projectile passes through aperture to
 operate indicator

2 273/386 (0 OR, 2 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 PROJECTOR OR TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTILE, PER SE

273/348 .Target
 273/378 ..Indication by movement of target or target
 having indicating means
 273/386 ...Target is moved or indicator is moved

2 273/390 (0 OR, 2 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 PROJECTOR OR TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTILE, PER SE

273/348 .Target
 273/378 ..Indication by movement of target or target
 having indicating means
 273/386 ...Target is moved or indicator is moved
 273/390Target pivots

2 273/401 (1 OR, 1 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 PROJECTOR OR TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTILE, PER SE

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273/348 .Target
 273/398 ..Pocketed or apertured
 273/400 ...Closed-back or closed-bottom pocket
 273/401Entrance opening is formed in laterally
 extending surface

2 273/402 (1 OR, 1 XR)
 Class 273 : AMUSEMENT DEVICES: GAMES
 273/317 AERIAL PROJECTILE GAME; GAME ELEMENT (E.G.,
 TARGET, ETC.) OR ACCESSORY THEREFOR OTHER THAN
 PROJECTOR OR
 PROJECTILE, PER SE

273/348 .Target
 273/398 ..Pocketed or apertured
 273/402 ...Target is aperture dimensioned to allow
 projectile to pass entirely therethrough

2 342/61 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/61 RETURN SIGNAL CONTROLS EXTERNAL DEVICE

2 343/757 (0 OR, 2 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/757 .With means for moving directive antenna for
 scanning, sweeping or orienting

2 343/763 (0 OR, 2 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/757 .With means for moving directive antenna for
 scanning, sweeping or orienting
 343/763 ..Rotary or rotary oscillatory motion

2 343/766 (1 OR, 1 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/757 .With means for moving directive antenna for
 scanning, sweeping or orienting
 343/763 ..Rotary or rotary oscillatory motion
 343/766 ...Motor-driven

2 356/139.04 (0 OR, 2 XR)
 Class 356 : OPTICS: MEASURING AND TESTING
 356/138 ANGLE MEASURING OR ANGULAR AXIAL ALIGNMENT
 356/139.04 .Automatic following or aligning while
 indicating measurement

2 356/152.1 (2 OR, 0 XR)
 Class 356 : OPTICS: MEASURING AND TESTING
 356/138 ANGLE MEASURING OR ANGULAR AXIAL ALIGNMENT
 356/152.1 .With photodetection remote from measured angle

2 362/110 (0 OR, 2 XR)
 Class 362 : ILLUMINATION
 362/109 WITH IMPLEMENT OR HAND HELD HOLDER THEREFOR
 362/110 .Firearm

2 367/1 (0 OR, 2 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES

367/1 SONAR COUNTER-MEASURES

2 434/12 (2 OR, 0 XR)
 Class 434 : EDUCATION AND DEMONSTRATION
 434/11 ORGANIZED ARMED OR UNARMED CONFLICT OR SHOOTING
 434/12 .self-propelled projectile

2 434/14 (1 OR, 1 XR)
 Class 434 : EDUCATION AND DEMONSTRATION
 434/11 ORGANIZED ARMED OR UNARMED CONFLICT OR SHOOTING
 434/14 .Aerial warfare

2 434/17 (0 OR, 2 XR)
 Class 434 : EDUCATION AND DEMONSTRATION
 434/11 ORGANIZED ARMED OR UNARMED CONFLICT OR SHOOTING
 434/16 .Gunnery
 434/17 ..Gunfire spotting

2 434/20 (0 OR, 2 XR)
 Class 434 : EDUCATION AND DEMONSTRATION
 434/11 ORGANIZED ARMED OR UNARMED CONFLICT OR SHOOTING
 434/16 .Gunnery
 434/19 ..Gun aiming
 434/20 ...Cinematographic or cathode ray screen display

2 434/24 (0 OR, 2 XR)
 Class 434 : EDUCATION AND DEMONSTRATION
 434/11 ORGANIZED ARMED OR UNARMED CONFLICT OR SHOOTING
 434/16 .Gunnery
 434/24 ..Gun loading or projectile preparation (e.g., fuse setting, etc.)

2 463/2 (2 OR, 0 XR)
 Class 463 : AMUSEMENT DEVICES: GAMES
 463/1 INCLUDING MEANS FOR PROCESSING ELECTRONIC DATA (E.G., COMPUTER/VIDEO GAME, ETC.)
 463/2 .In a game including a simulated projectile (e.g., bullet, missile, ball, puck, etc.)

2 463/34 (0 OR, 2 XR)
 Class 463 : AMUSEMENT DEVICES: GAMES
 463/1 INCLUDING MEANS FOR PROCESSING ELECTRONIC DATA (E.G., COMPUTER/VIDEO GAME, ETC.)
 463/30 .Perceptible output or display (e.g., tactile, etc.)
 463/31 ..Visual (e.g., enhanced graphics, etc.)
 463/34 ...Image projection

2 463/52 (0 OR, 2 XR)
 Class 463 : AMUSEMENT DEVICES: GAMES
 463/49 SIMULATED-PROJECTILE GAME, TARGET THEREFOR, OR ACCESSORY
 463/51 .Electromagnetic ray simulates projectile or its path, or utilized for coincidence detection (e.g., light-ray gun, infrared aim detector, etc.)
 463/52 ..Having active target (e.g., moving target, "hit" responsive, etc.)

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2  473/199      (2 OR, 0 XR)
    Class      473 :  GAMES USING TANGIBLE PROJECTILE
    473/131      GOLF
    473/198      .Moving projectile responsive sensor or
                  indicator
    473/199      ..Electrical

2  473/582      (0 OR, 2 XR)
    Class      473 :  GAMES USING TANGIBLE PROJECTILE
    473/569      PROJECTILE, PER SE; PART THEREOF OR ACCESSORY
                  THEREFOR
    473/578      .Arrow, dart, or shuttlecock; part thereof
    473/582      ..Head structure

2  701/302      (2 OR, 0 XR)
    Class      701 :  DATA PROCESSING: VEHICLES, NAVIGATION, AND
                  RELATIVE LOCATION
    701/300      RELATIVE LOCATION
    701/302      .Course to intercept

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abstract 1
ac 1
accompany 1
according 1
accuracy 1
adaptive 1
adding 1
advantages 1
after 3
against 4
aim 1
aiming 2
air 1
airburst 2
all 1
also 2
alter 1
an 12
and 24
another 1
ap 1
apparent 1
application 2
applications 1
approaches 1
approximate 1
april 1
are 5
area 1
arm 2
as 2
assisted 1
at 5
atmo 1
atmospheric 2
automatic 4
autonomous 1
away 1
background 1
battlefield 2
be 2
because 1
become 1
before 1
behind 1
being 2
benefit 1
best 1
better 1
bility 1
board 8
boresight 2
both 2
brief 1
burst 2
but 2
by 9
caliber 1
cally 1
circuit 7
claims 1
compensate 2
compensated 1

compensates 1
 components 1
 comprises 1
 comprising 1
 computing 2
 conditions 3
 conjunction 1
 connected 6
 contents 1
 continues 1
 control 2
 cording 1
 corrected 1
 corresponding 2
 coprocessor 1
 cross 2
 currently 1
 cut 1
 data 1
 defilade 6
 deflection 1
 denoted 1
 derive 2
 described 1
 description 4
 detailed 1
 dis 1
 does 2
 drawings 3
 drive 1
 each 1
 ef 1
 effect 1
 electri 1
 electrically 3
 electronic 2
 electronics 3
 elight 2
 embodiment 2
 embodiments 1
 encases 1
 engaged 1
 entire 1
 error 2
 fails 1
 features 1
 fect 1
 federal 1
 fig 5
 fighter 3
 file 1
 filed 1
 finder 2
 fins 1
 fired 3
 firing 1
 flight 2
 foldable 1
 follow 1
 following 1
 for 14
 forth 1
 fragment 1

fragmenting 1
from 4
front 4
fully 1
function 1
further 1
fuze 3
fuzed 2
general 1
get 1
gets 1
goes 1
government 2
grenade 1
grenades 2
guidance 2
guided 1
gun 1
herein 2
higher 1
hit 9
iaser 2
iast 2
iaunch 5
iaunched 1
iead 2
iength 1
iicensed 1
iike 2
image 2
images 1
imaging 4
improve 1
improves 2
improving 1
in 15
includes 1
incorporated 1
incorporating 1
increases 1
increasing 1
inertial 1
infantrymen 1
influence 1
information 4
ing 1
initial 1
into 4
introduction 1
invention 8
inventions 1
iocating 1
iocation 1
iow 2
is 9
its 1
jectile 1
jects 1
knowledge 1
known 1
lethalir 2
lethality 1
lflsp 2

light 1
 maneuver 1
 maneuvering 1
 manufactured 1
 mark 1
 marking 1
 may 1
 means 1
 measurement 1
 mechanism 1
 mi 1
 microproces 1
 microprocessor 1
 more 1
 motion 1
 motor 2
 mounted 1
 move 2
 moved 1
 moving 6
 munitions 1
 necessarily 1
 non 4
 not 4
 numerals 1
 ob 1
 observed 2
 of 29
 off 2
 on 5
 one 1
 or 6
 other 1
 output 1
 page 5
 par 1
 parts 1
 past 1
 personnel 1
 plan 1
 platform 1
 plication 1
 plus 1
 posed 1
 position 3
 potential 1
 power 3
 preferred 1
 present 3
 primarily 1
 pro 1
 proba 1
 probability 8
 problems 1
 projec 1
 projectile 13
 projectiles 1
 provided 1
 provisional 2
 purposes 1
 quite 1
 range 4
 rear 4

reference 3
 regulator 1
 related 1
 relates 1
 remained 1
 requires 1
 research 1
 resulted 2
 rifles 1
 rocket 2
 safe 2
 same 1
 satisfac 1
 scale 1
 schematic 1
 seeker 8
 semi 1
 sequential 1
 set 1
 setting 1
 several 1
 shell 3
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Mahafza, B.R.; Griffin, J.R.; Audeh, N.F.;
Telesystems Conference, 1993. 'Commercial Applications and Dual-Use Tech
Conference Proceedings., National
16-17 June 1993 Page(s):175 - 179
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